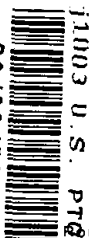


08/22/01



11003 U.S. PTO

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11040 U.S. PTO  
09/034084  
08/22/01



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\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

August 22, 2001

**WRITER'S DIRECT NUMBER:**

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**INTERNET ADDRESS:**

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Commissioner for Patents  
Washington, D.C. 20231

**Box Patent Application**

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. (*to be assigned*); Filed: August 22, 2001 (*herewith*)  
For: **Method, System, and Computer Program Product for  
Determining Properties of Combinatorial Library  
Products from Features of Library Building Blocks**  
Inventors: Lobanov *et al.*  
Our Ref: 1503.1070003

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. USPTO Utility Patent Application Transmittal Form PTO/SB/05;
2. U.S. Utility Patent Application entitled:

**Method, System, and Computer Program Product for  
Determining Properties of Combinatorial Library  
Products from Features of Library Building Blocks**

and naming as inventors:

**Victor S. Lobanov  
Dimitris K. Agraftiotis  
F. Raymond Salemme**

08/22/01 11:03 AM

Commissioner for Patents  
August 22, 2001  
Page 2

the application comprising:

- a. A specification containing:
    - i. 25 pages of description prior to the claims;
    - ii. 9 pages of claims (40 claims, 5 independent);
    - iii. a one (1) page abstract;
  - b. Twenty-one (21) sheets of drawings, consisting of black-and-white Figures 1A and 1B; color Figures 2, 3, 4A, 4B, 4C, 4D, 5, 6, 7, and 8; and black-and-white Figures 9A-9E and 10-13;
  - c. A black-and-white copy of Figures 1A, 1B, 2, 3, 4A, 4B, 4C, 4D, 5-8, 9A-9E, and 10-13; and
  - d. An Application Data Sheet (37 C.F.R. § 1.76).
3. 37 C.F.R. § 1.136(a)(3) Authorization to Treat a Reply As Incorporating An Extension of Time (*in duplicate*); and
  4. Two (2) return postcards.

Correspondence should be sent to Customer Number 26111.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee  
Attorney for Applicants  
Registration No. 35,239

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11040 U.S. PTO  
09/934084  
08/22/01

In re application of:

Lobanov *et al.*

Appl. No. *(to be assigned)*

Filed: *(herewith)*

For: **Method, System, and Computer  
Program Product for Determining  
Properties of Combinatorial  
Library Products from Features  
of Library Building Blocks**

Confirmation No. *(to be assigned)*

Art Unit: *(to be assigned)*

Examiner: *(to be assigned)*

Atty. Docket: 1503.1070003

**Authorization To Treat A Reply As Incorporating An Extension Of  
Time Under 37 C.F.R. § 1.136(a)(3)**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STIERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee  
Attorney for Applicants  
Registration No. 35,239

Date: August 22, 2001

1100 New York Avenue, N.W., Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | 1503.1070003   |
| First Inventor         | Victor S. Lobanov  |
| Title                  | Method, System, and Computer Program Product for Determining Properties of Combinatorial Library Products from Features of Library Building Blocks |
| Express Mail Label No. |  |

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 202311. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification [Total Pages 35]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 21]

5. Oath or Declaration

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76.7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program  
(Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Authorization under 37 C.F.R. § 1.136(a)(3)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No: \_\_\_\_/\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

Customer No. 26111



(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

|         |   |           |  |          |  |
|---------|---|-----------|--|----------|--|
| NAME    | STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 26111 |           |  |          |  |
|         | Attorneys at Law PATENT TRADEMARK OFFICE        |           |  |          |  |
| ADDRESS |   |           |  |          |  |
| CITY    |   | STATE     |  | ZIP CODE |  |
| COUNTRY |   | TELEPHONE |  | FAX      |  |

|                   |                |                                   |         |
|-------------------|----------------|-----------------------------------|---------|
| NAME (Print/Type) | Michael Q. Lee | Registration No. (Attorney/Agent) | 35,239  |
| SIGNATURE         |                | Date                              | 8/22/01 |

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lobanov *et al.*

Appl. No. 09/934,084

Filed: August 22, 2001

For: **Method, System, and Computer  
Program Product for Determining  
Properties of Combinatorial  
Library Products from Features  
of Library Building Blocks**

Confirmation No. 7373

Art Unit: 2857

Examiner: *(to be assigned)*

Atty. Docket: 1503.1070003

**Letter to PTO Draftsman: Submission of Formal Drawings**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

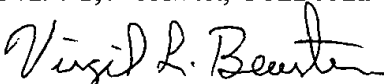
Submitted herewith are twenty-one sheets of formal drawings with Figures (Figures 1A, 1B, 2-3, 4A-4D, 5-8, 9A-9E, and 10-13) corresponding to the informal drawings submitted with the above-captioned application. Applicants' informal drawings corresponding to Figures 2, 3, 4A-4D, and 5-8 were submitted in color. The formal drawings corresponding to these Figures submitted herewith are black-and-white. The formal drawings corresponding to Figures 4A-4D are black-and-white photographs. Applicants are not submitting formal color drawings because Applicants' draftsman was able to reproduce the details of Figures 2, 3, 4A-4D, and 5-8 using black-and-white shading. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

In Reply to the Office's notice requiring a petition under 37 C.F.R. § 1.84(b)(1) and/or a petition fee for Acceptance of Black and White Photographs, Applicants request that the requirement be withdrawn. 1213 OG 108.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this Letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Virgil L. Beaton  
Attorney for Applicants  
Registration No. 47,415

Date: 11/21/01

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